

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**  
thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
November 2017	W	592.5	W	6,647.3	4,254.6	7,239.8	-	W
October 2017	W	597.6	W	7,780.4	3,548.9	8,378.0	-	W
November 2016	NA	707.4	3,097.9	6,511.0	3,958.2	7,218.4	-	W
PAD District 1								
November 2017	W	W	W	W	W	2,315.6	-	-
October 2017	W	W	W	W	W	2,233.9	-	-
November 2016	W	W	W	W	W	1,888.1	-	-
Subdistrict 1A								
November 2017	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-
November 2016	-	-	-	-	-	-	-	-
Subdistrict 1B								
November 2017	W	W	W	W	W	W	-	-
October 2017	W	W	W	W	W	W	-	-
November 2016	W	W	W	W	W	W	-	-
Subdistrict 1C								
November 2017	-	-	W	W	W	W	-	-
October 2017	-	-	NA	W	NA	W	-	-
November 2016	-	-	W	W	W	W	-	-
PAD District 2								
November 2017	-	-	-	W	-	W	-	W
October 2017	-	-	-	W	-	W	-	W
November 2016	-	-	-	W	-	W	-	W
PAD District 3								
November 2017	-	W	W	W	W	3,808.8	-	W
October 2017	-	W	W	W	W	4,860.6	-	W
November 2016	-	W	W	W	W	4,424.4	-	W
PAD District 4								
November 2017	-	-	-	W	-	W	-	-
October 2017	-	-	-	W	-	W	-	-
November 2016	-	W	-	W	-	W	-	-
PAD District 5								
November 2017	W	W	W	W	2,956.4	W	-	-
October 2017	W	W	W	W	2,762.1	1,179.5	-	-
November 2016	W	W	W	W	3,006.0	763.2	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."